

The present setup

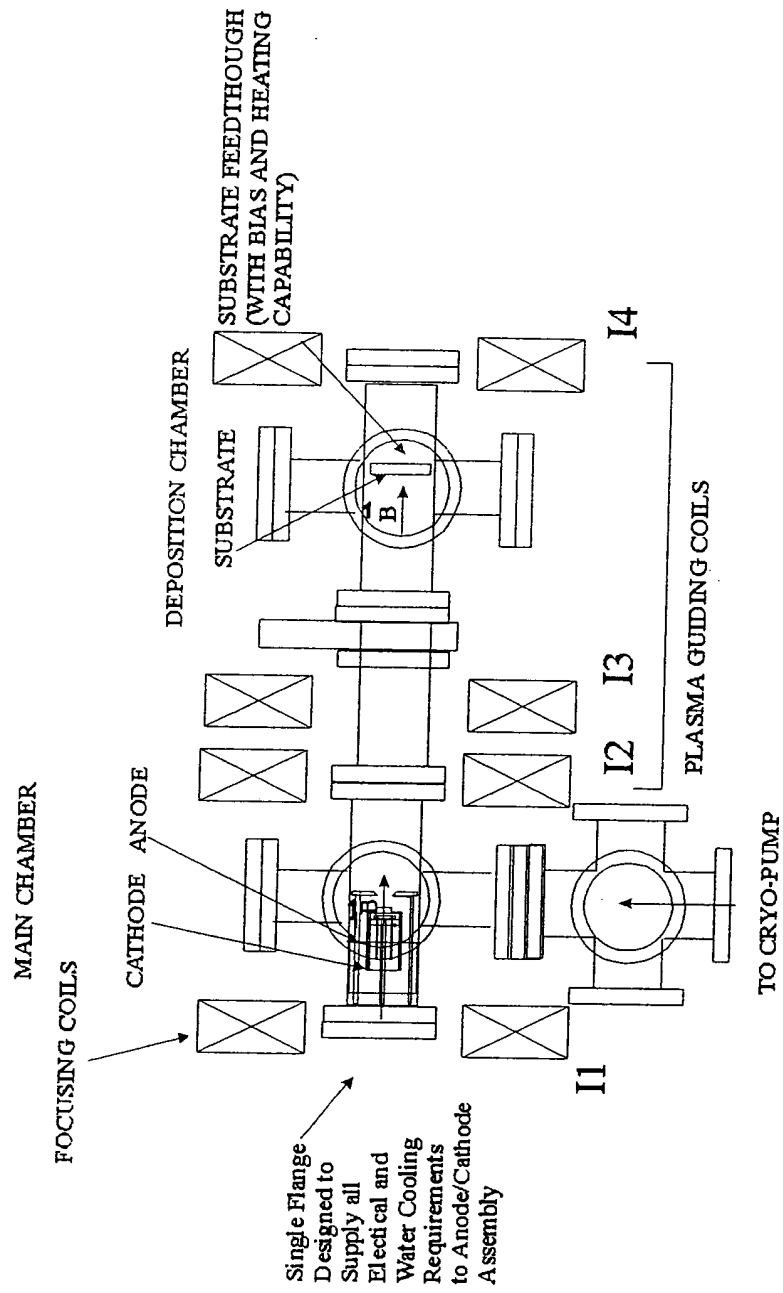
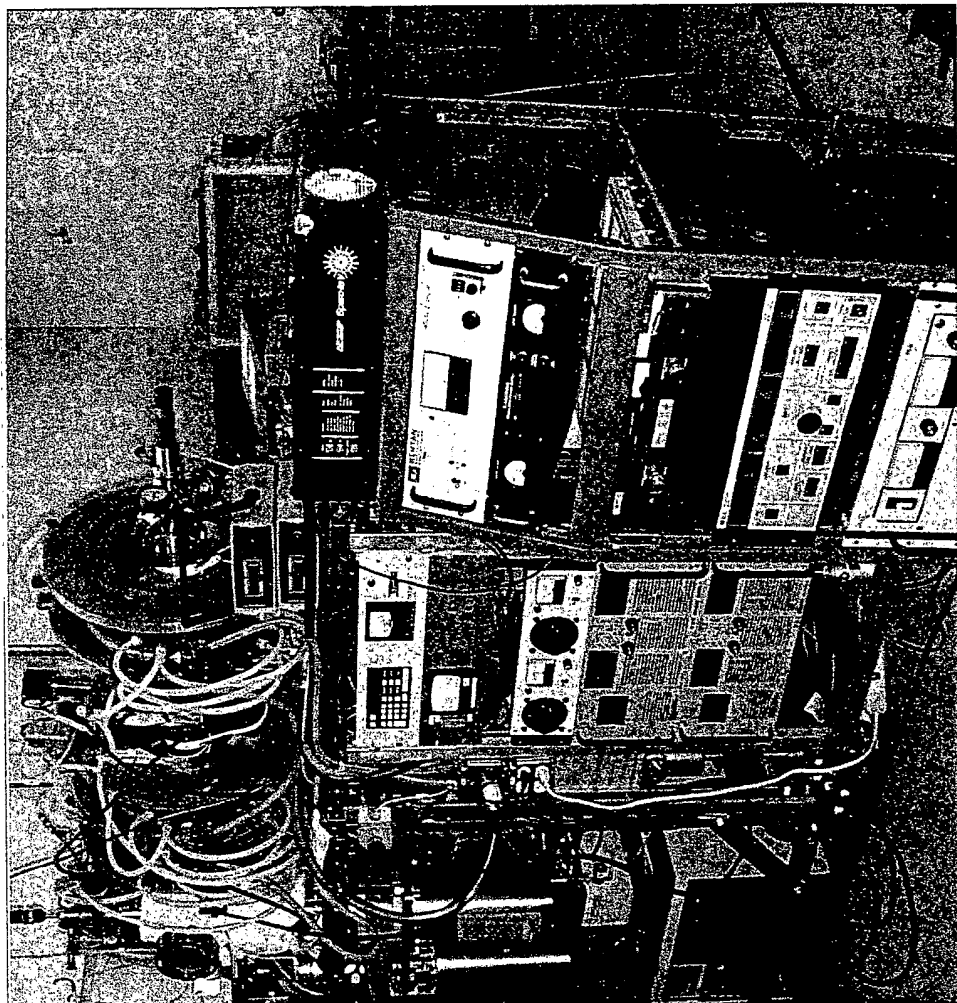
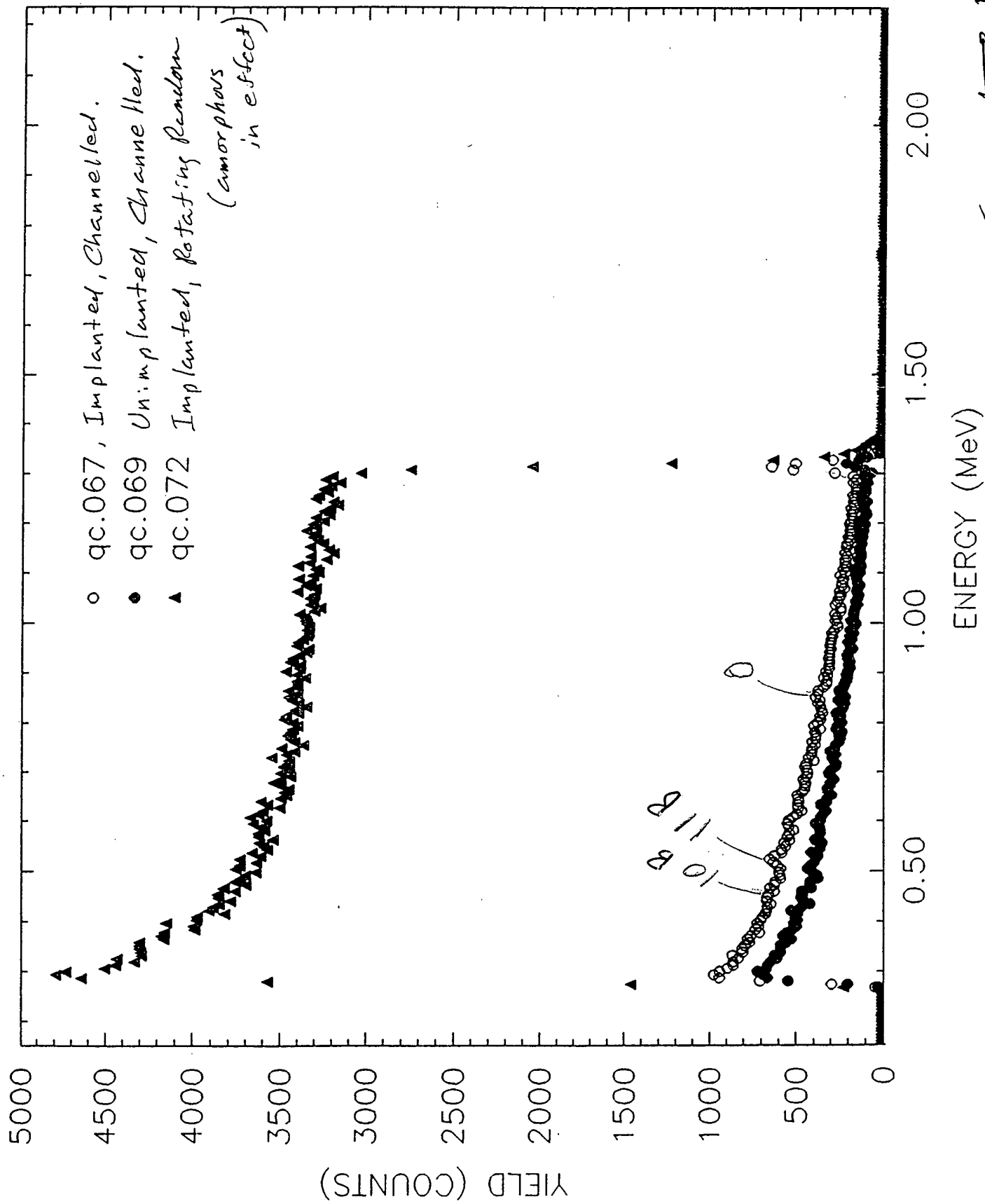


Fig 1.

Fig 2





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~~Figure 1~~ Fig 3

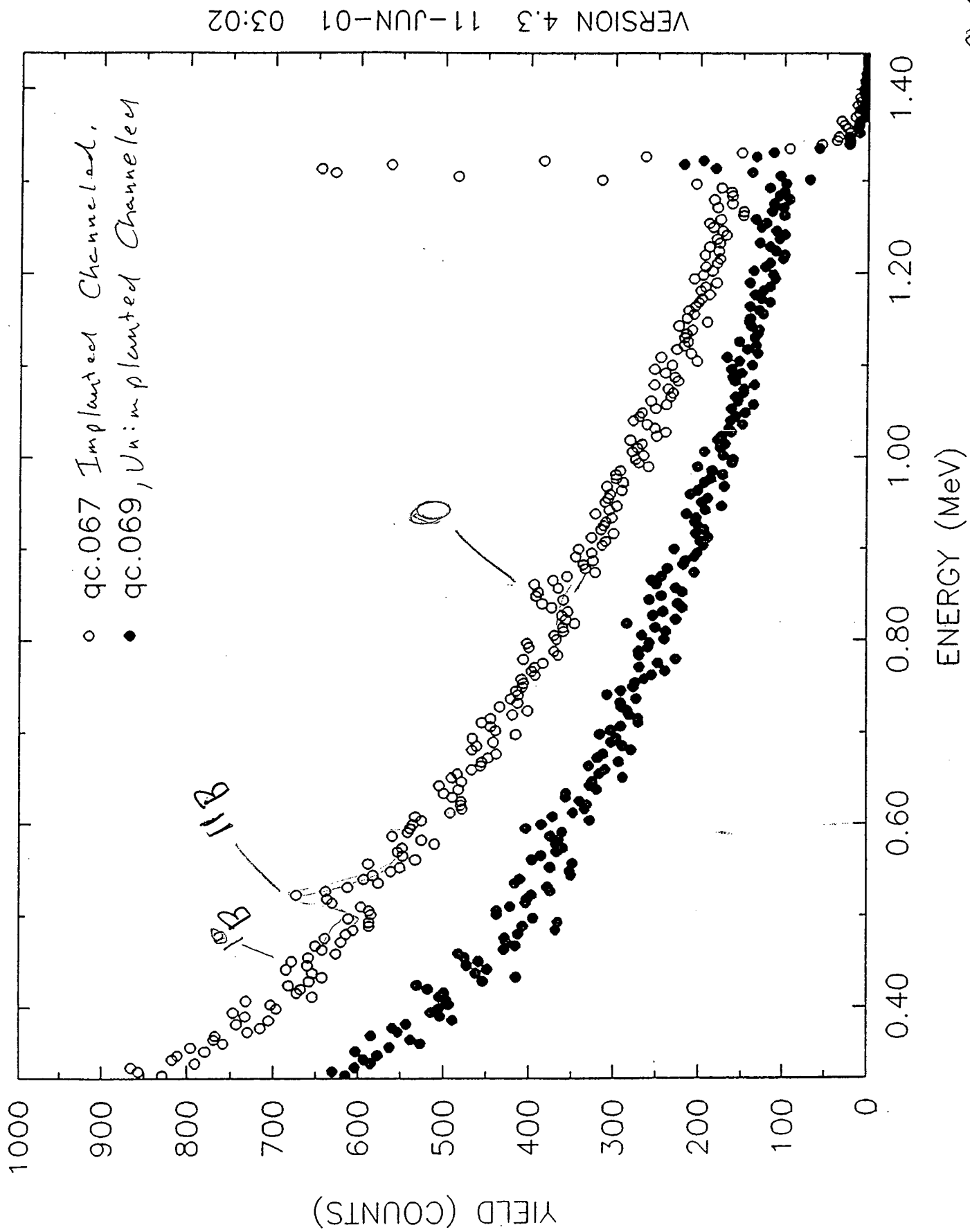


Figure 4

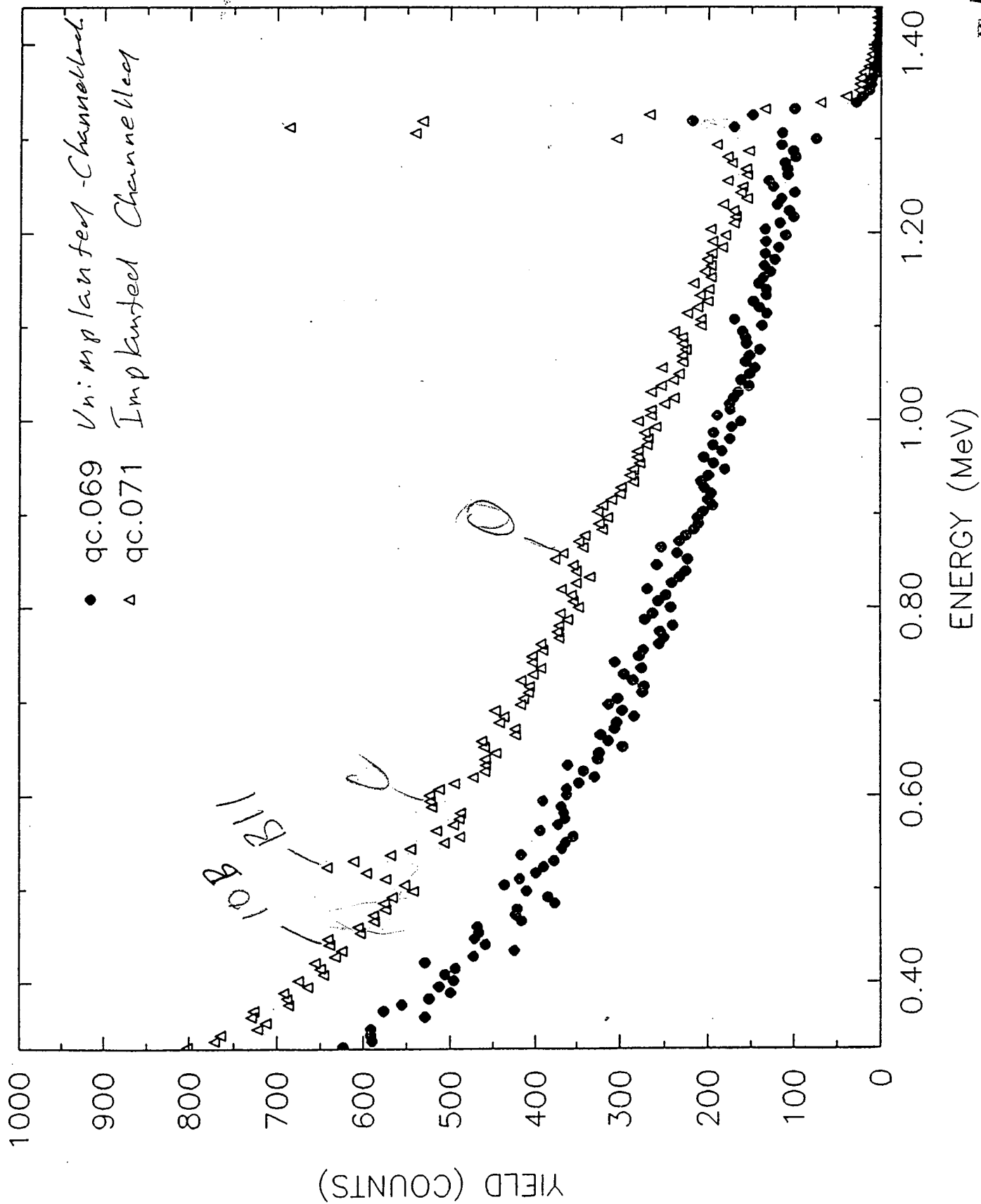
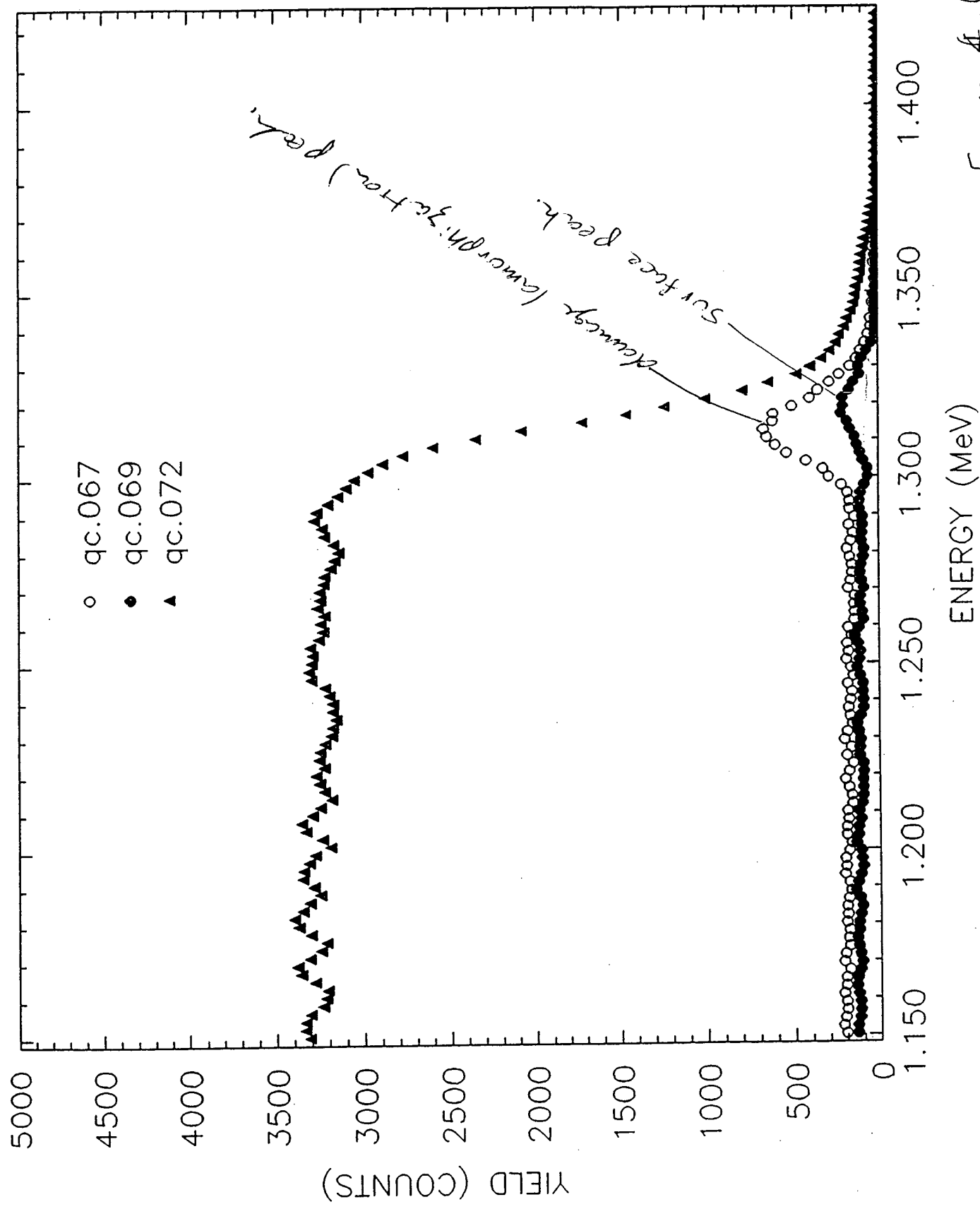


Figure 5

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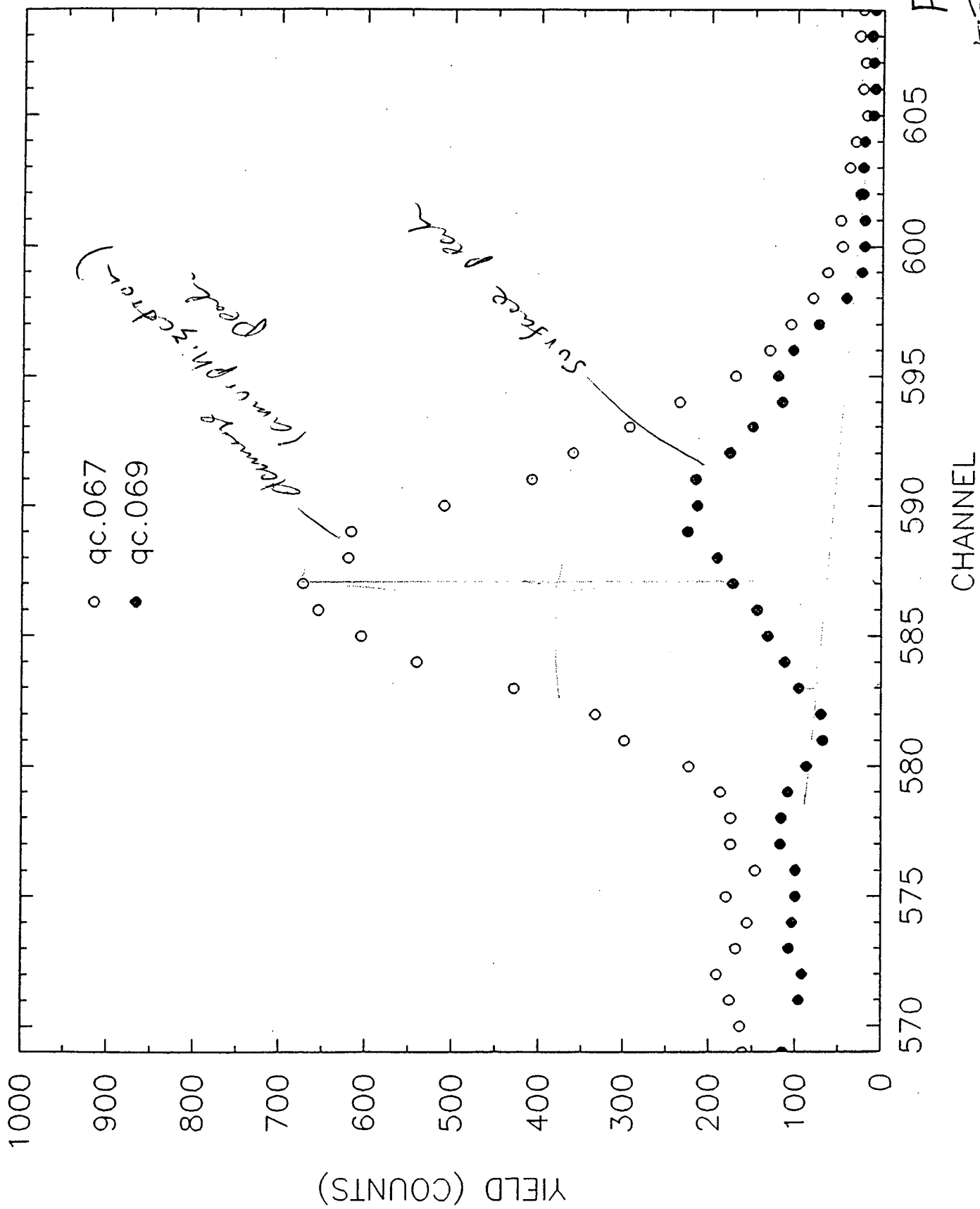
Date: 11/11/01

10.7u
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Figure 4.6



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Fig. 7

~~Figure 7~~

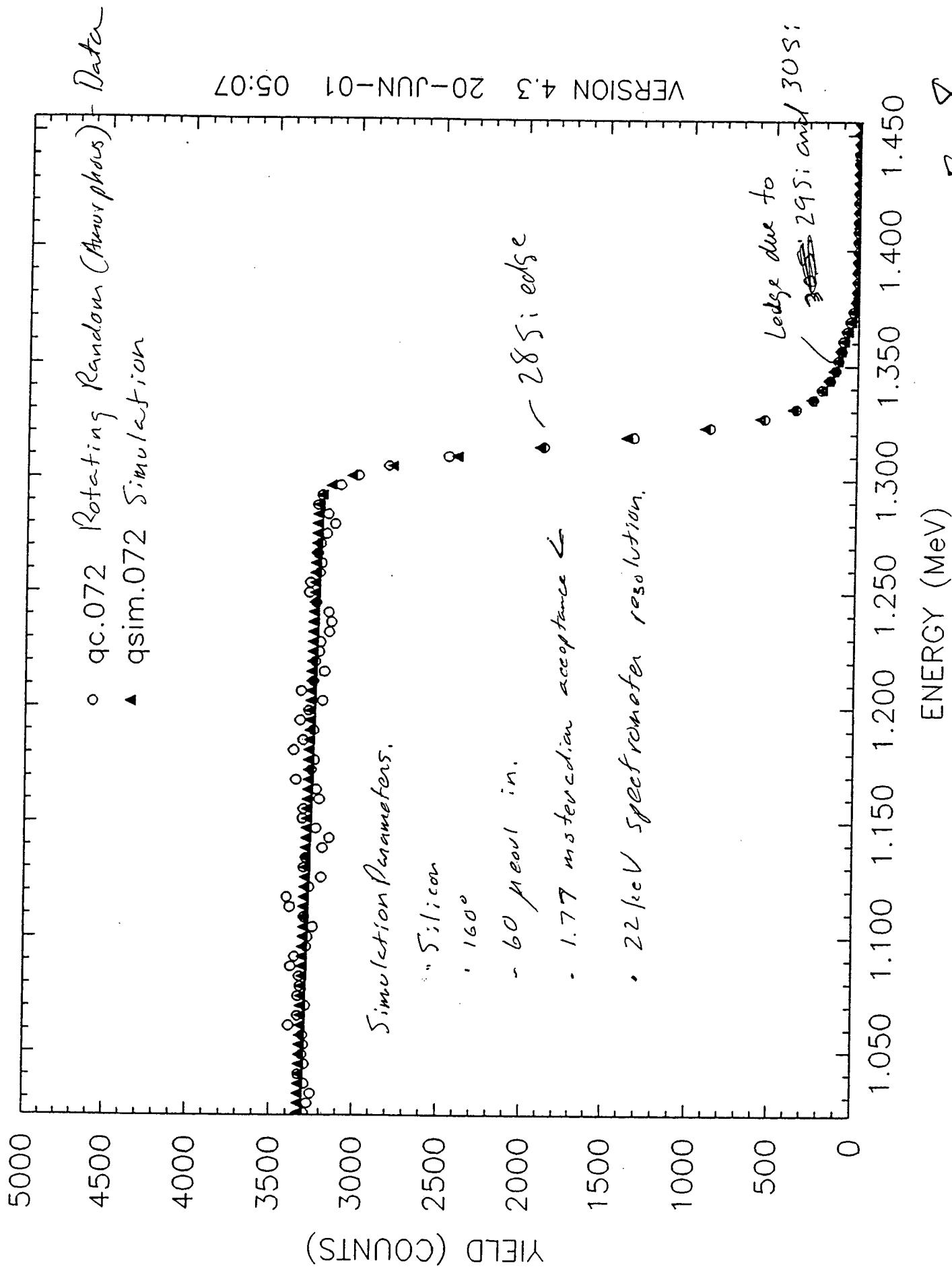


Fig. 8

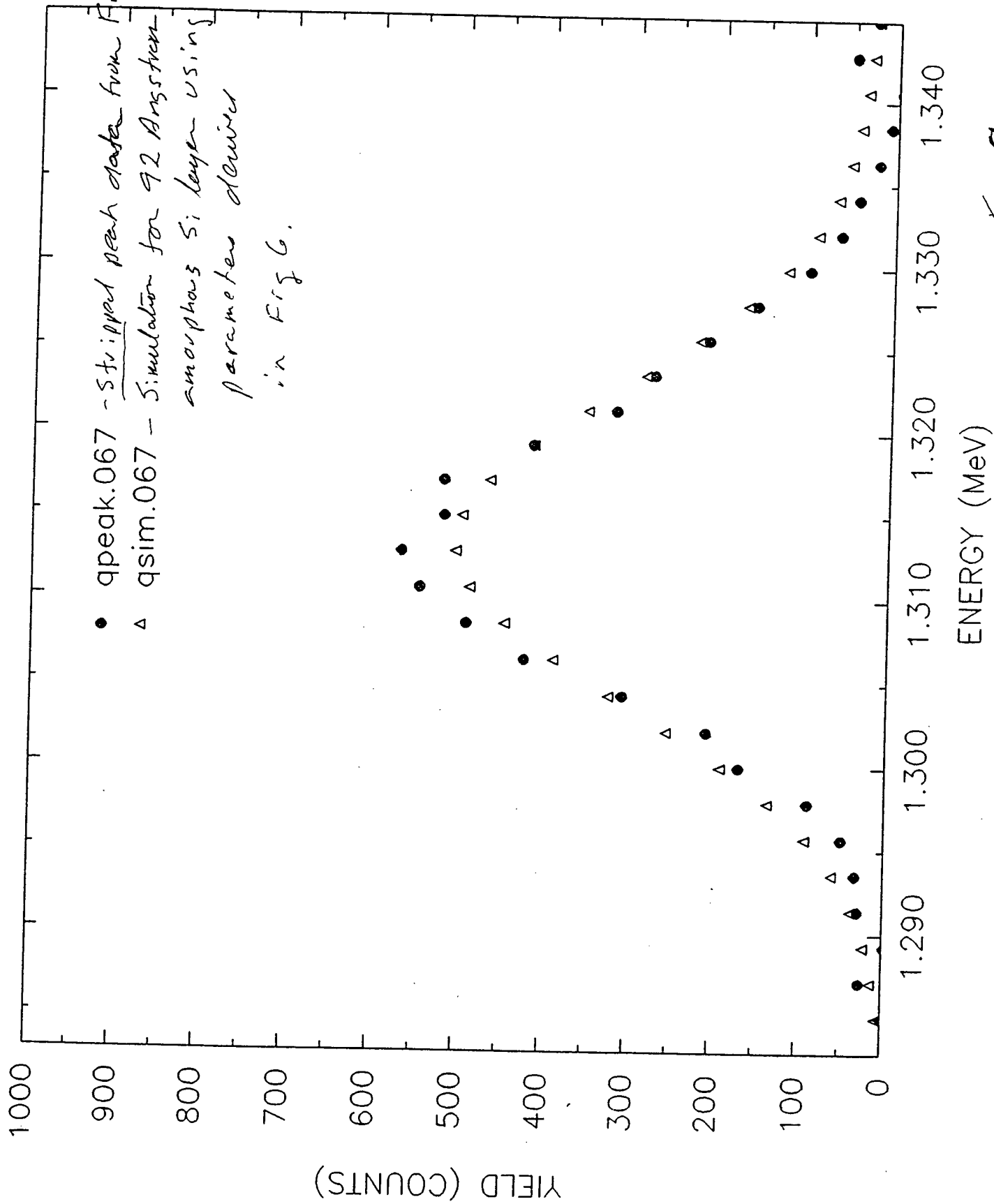


Fig 9.

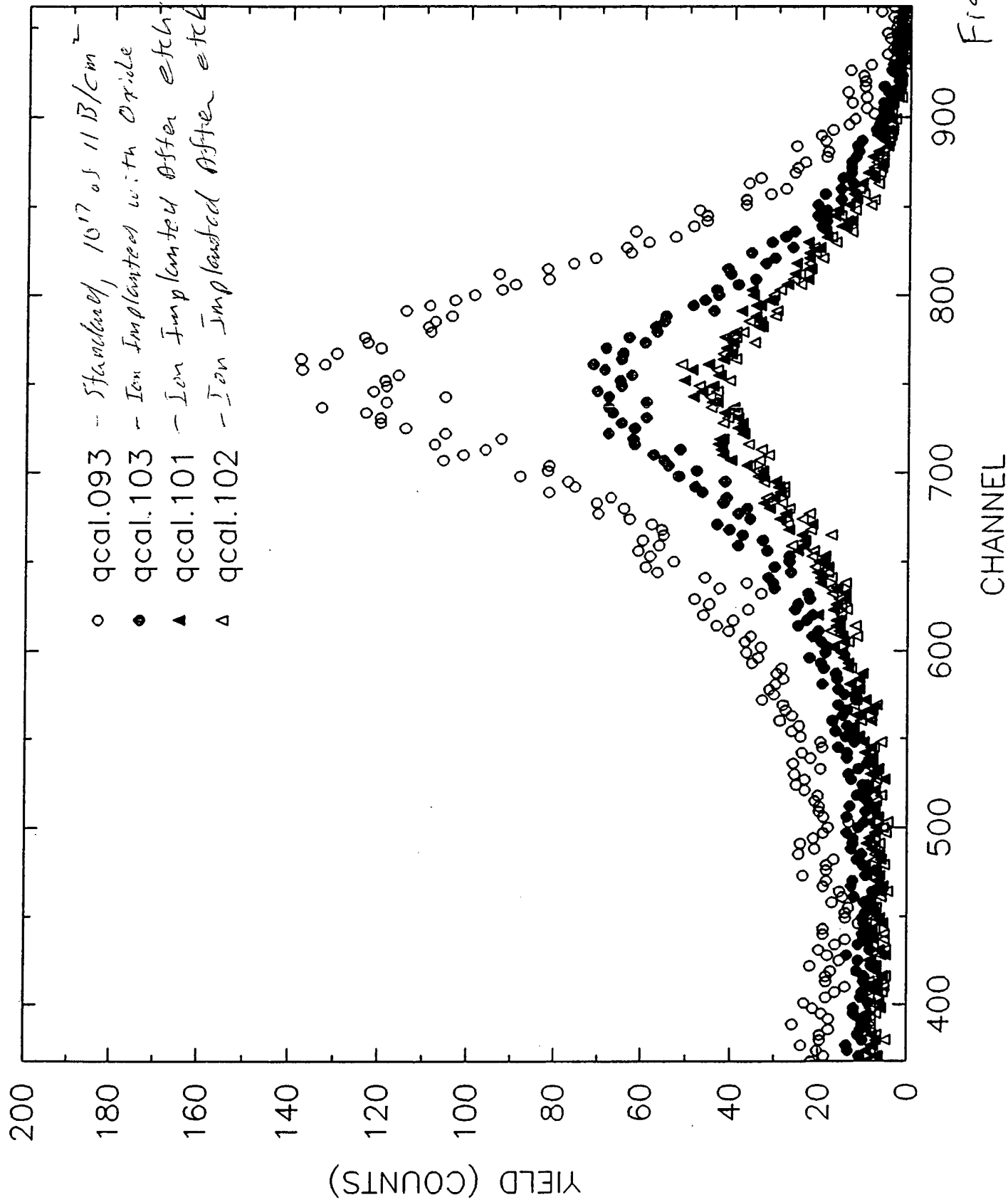


Fig. 10

~~Fig. 10~~

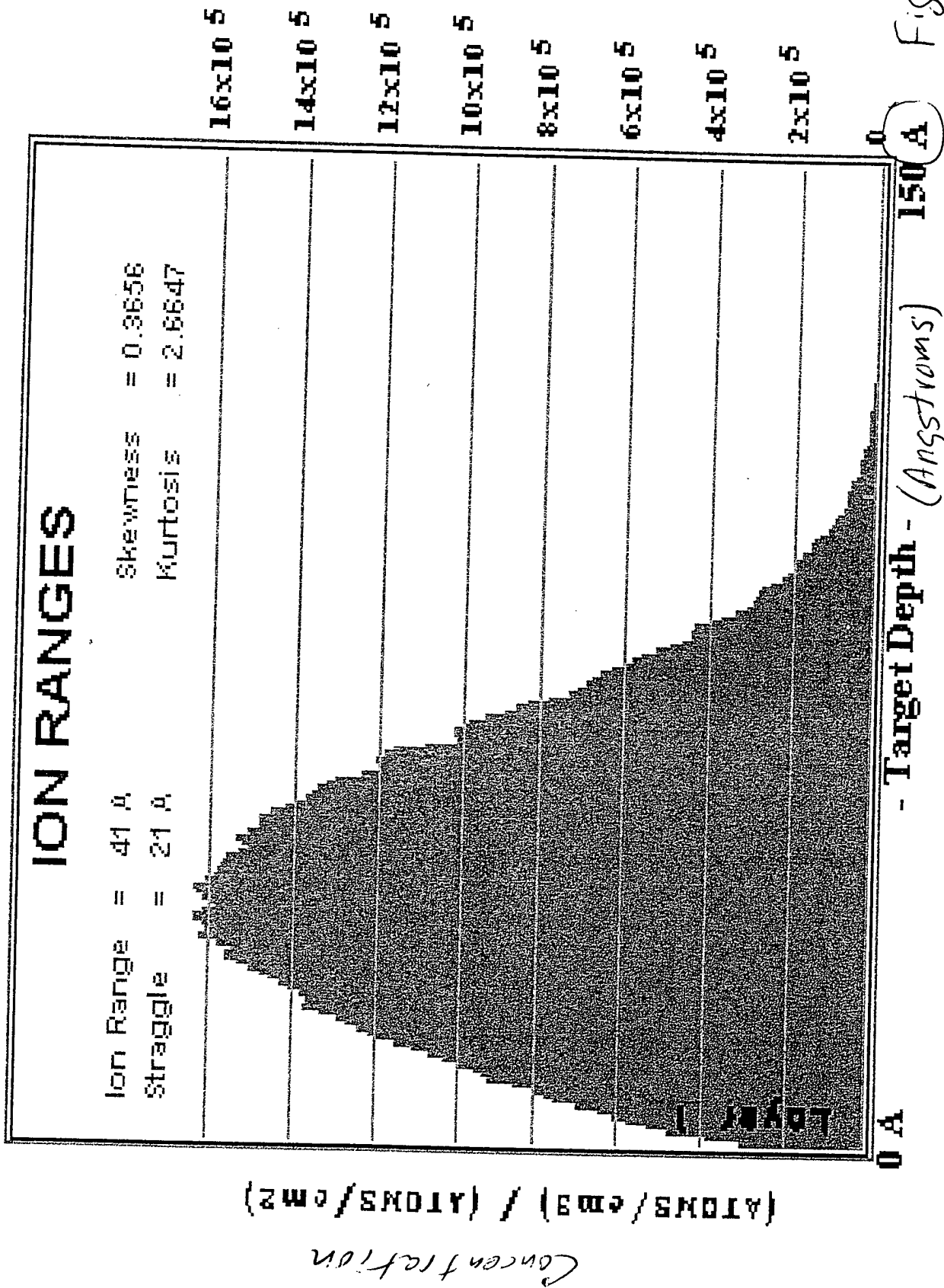


Figure 11

~~Figure 82H~~

TARGET=	SILICON	2.33G	0°	keV	Ion	Dose/cm2	keV	Ion	Dose/cm2
Calc. Type	Planar, Pearson IV	1		2	B	-11	6.00e16	6	
Peak Data	35Å 1.05e23 67.8%	2						7	
Sput. Loss	Coef=.000 Tot.= 0Å	3						8	
Retn. Dose	5.84e16/cm2 97.4%	4						9	
		5						10	

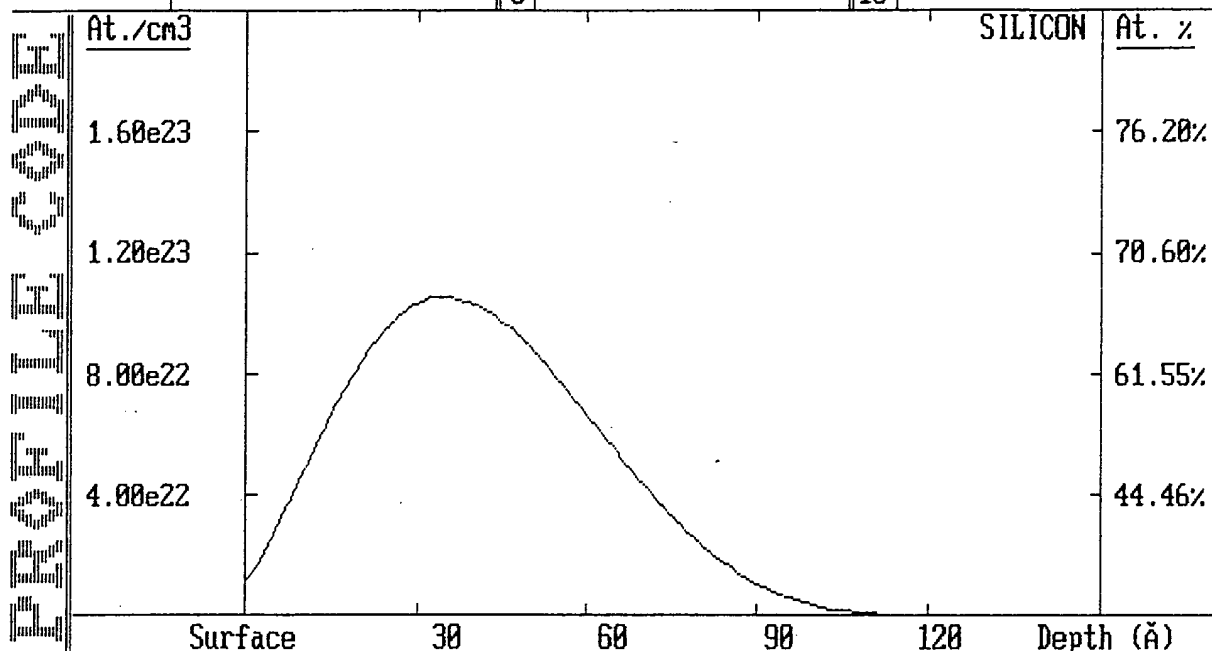
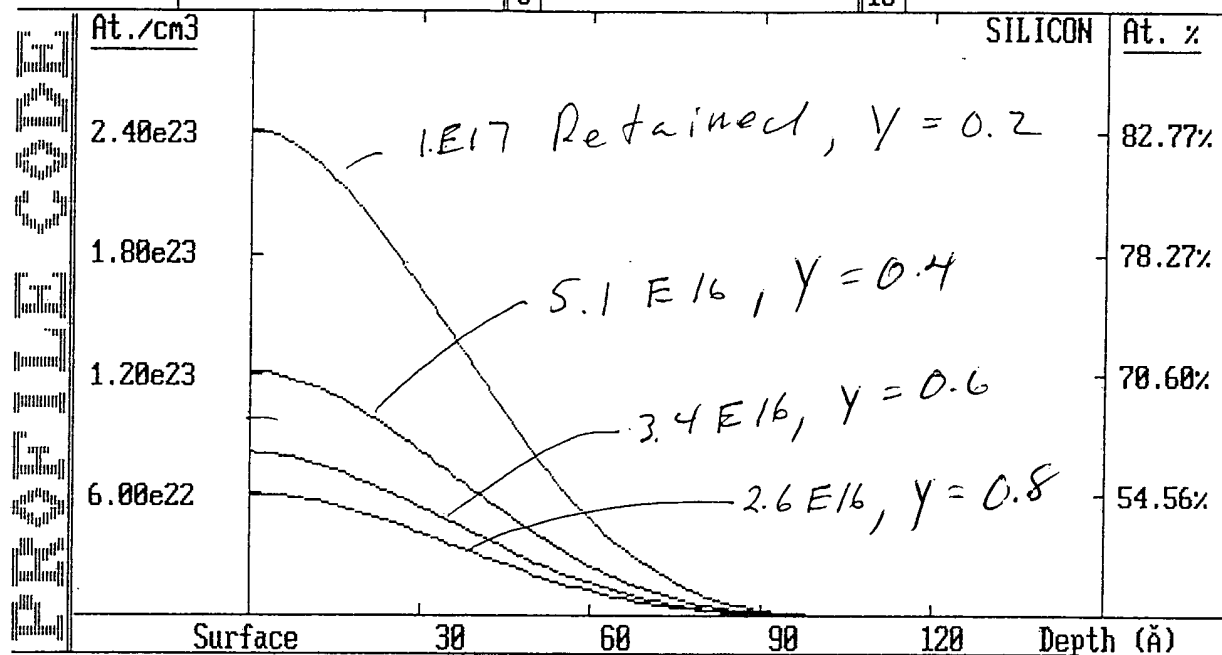


Fig. 12

~~Fig 12,~~

~~Fig 10/~~

TARGET=	SILICON	2.33G	0°	keV	Ion	Dose/cm ²	keV	Ion	Dose/cm ²
Calc. Type	Planar, Pearson IV	1		2	B -11	4.00e17	6		
Peak Data	0Å 6.07e22 54.9%	2		2	B -11	4.00e17	7		
Sput. Loss	Coef=.800 Tot.= 641Å	3		2	B -11	4.00e17	8		
Retn. Dose	2.56e16/cm ² 6.4%	4		2	B -11	4.00e17	9		
		5					10		



$1 \times 10^{17} / \text{cm}^2$ retained, $Y = 0.2$

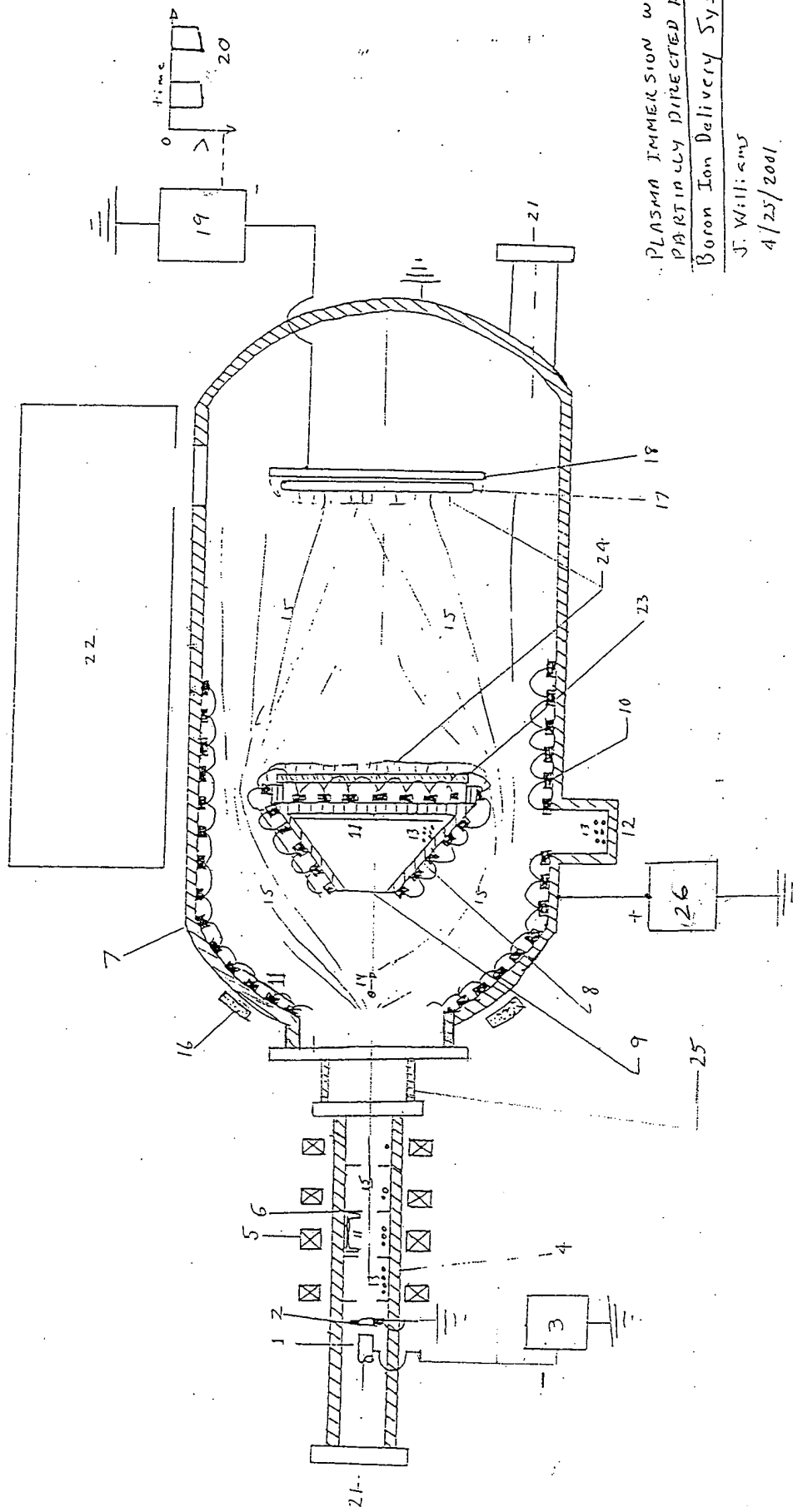
$5.1 \times 10^{16} / \text{cm}^2$ retained, $Y = 0.4$

$3.4 \times 10^{16} / \text{cm}^2$ retained, $Y = 0.6$

$2.6 \times 10^{16} / \text{cm}^2$ retained, $Y = 0.8$

Figure 10

Fig. 13a

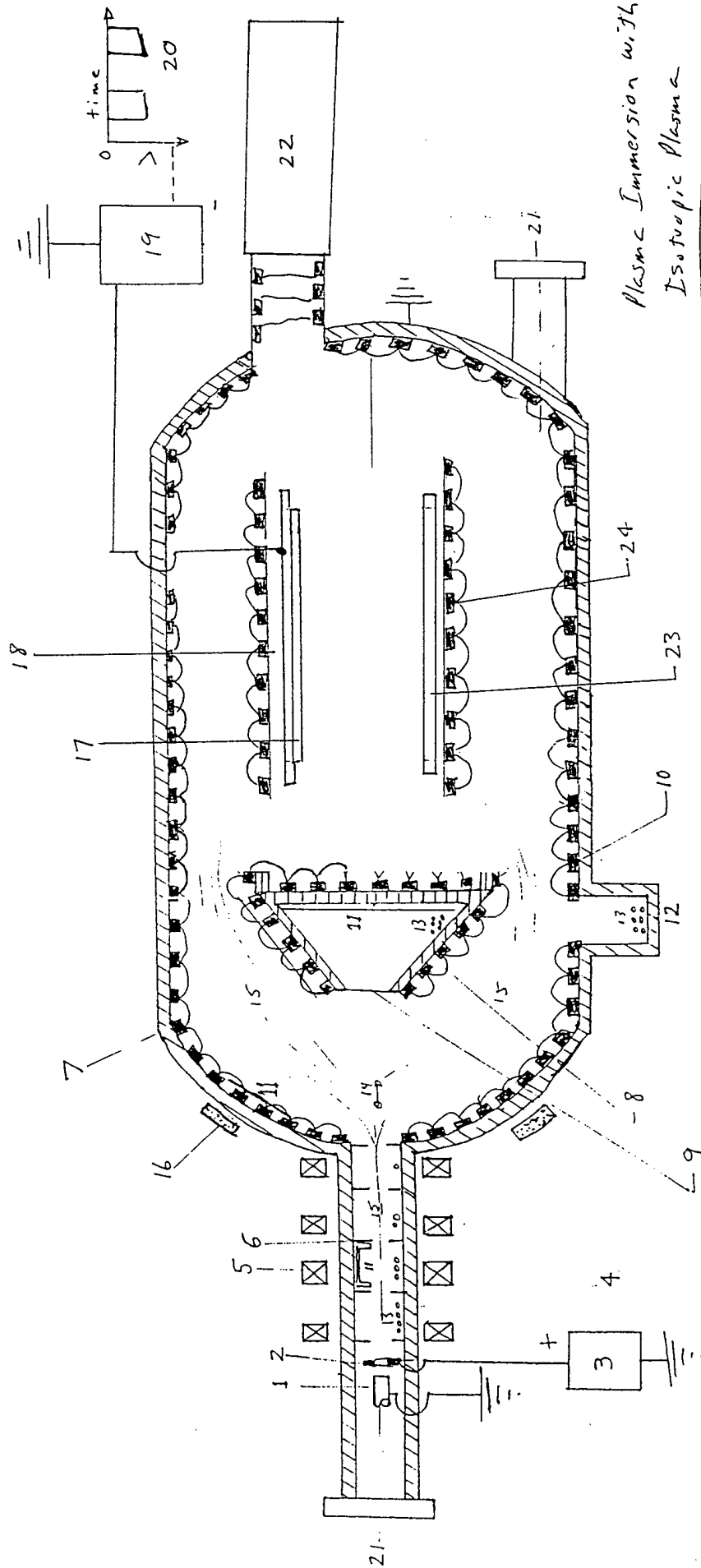


PLASMA IMMERSION WITH
PARTICLE DIRECTED PLASMA
Boron Ion Delivery System

J. Williams

4/25/2001

Fig 15



Plasma Immersion with
Isotopic Plasma
Boron Ion Delivery System
5/8/2001

Fig. 16